

FIG. 1. Effect of on/off 60 Hz EM fields on hypoxia protection induced in chick embryos

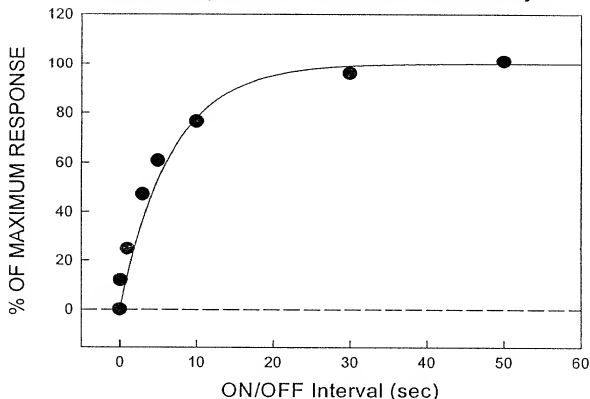
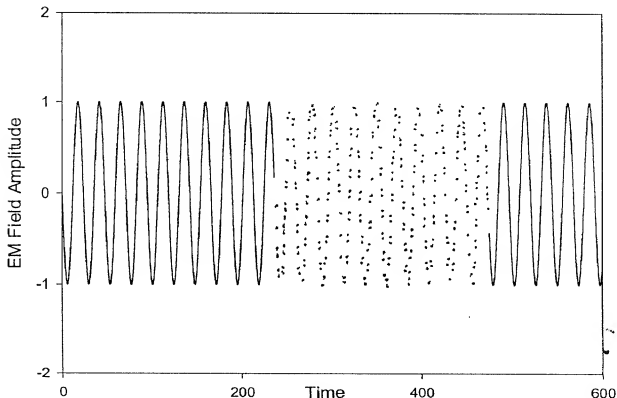
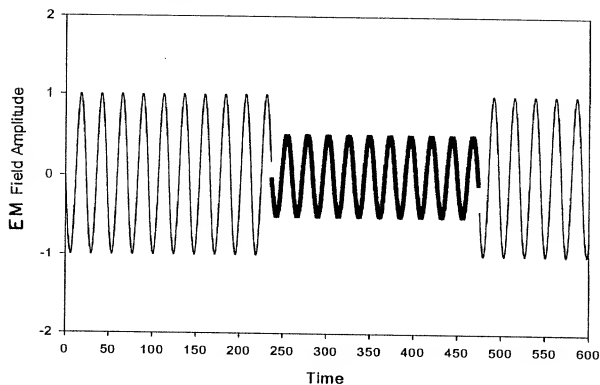


FIG.2. Superposition of EM Fields From 2 Coils
 (Equal Field Amplitudes; Alternate on/off Times)

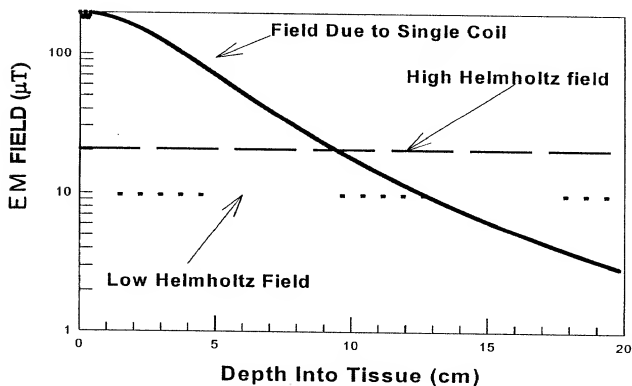
Solid Line = Coil A Dotted line = Coil B



Superposition of EM Fields From 2 Coils
 (Unequal Field Amplitudes; Alternate on/off Times)
 FIG. 3. Light Solid Line = Coil A Dark Solid Line = Coil B



EM Fields of Helmholtz Coils
And A Single Coil Plotted As A
Function of Depth Into The Tissue
 FIG. 4.



**FIG.5. FOCUSING EFFECT OF TWO
 ALTERNATELY PULSING EM FIELDS
 HIGHER PEAK HELMHOLTZ FIELD**

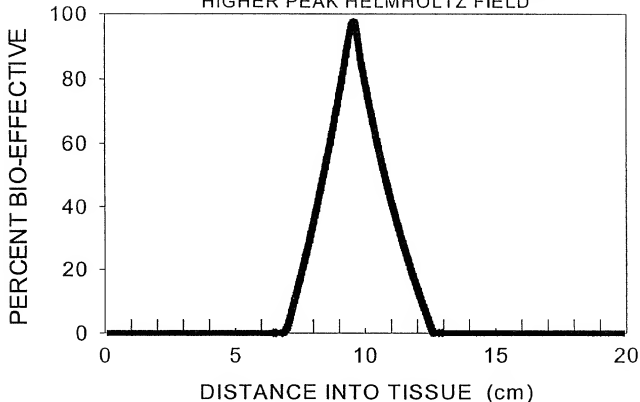
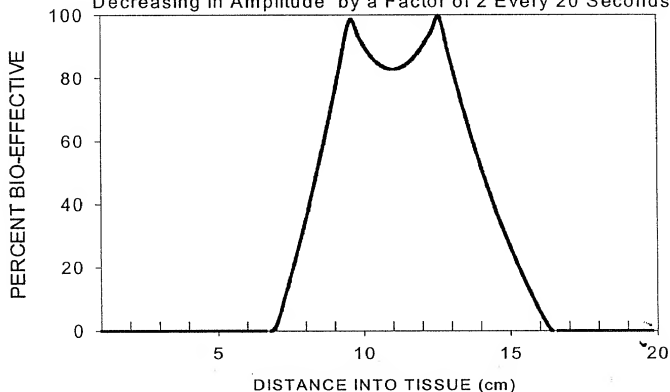


FIG.6. BROADER FOCUS REGION FROM

Two Alternately Pulsing EM Fields
 One Field Source Alternately Increasing and then
 Decreasing in Amplitude by a Factor of 2 Every 20 Seconds



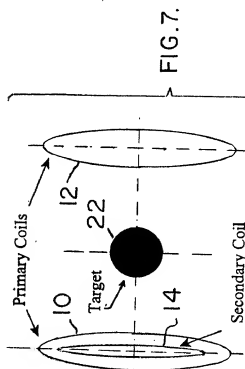


FIG. 7.

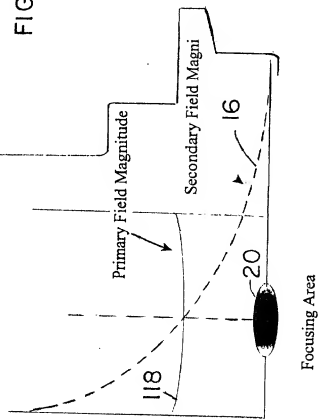
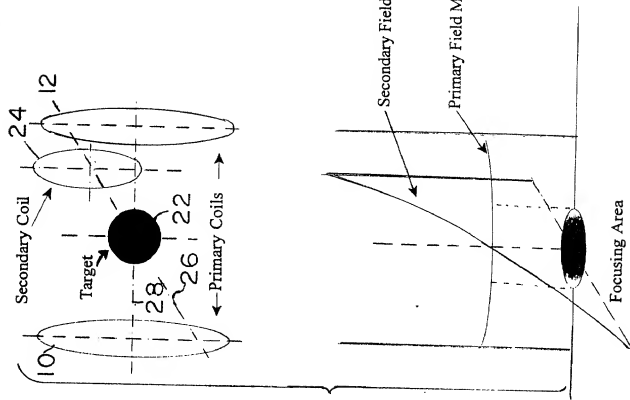


FIG. 8.



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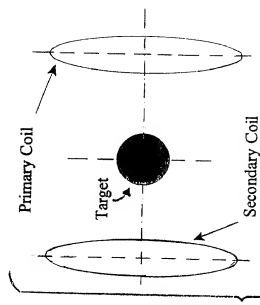


FIG. 9.

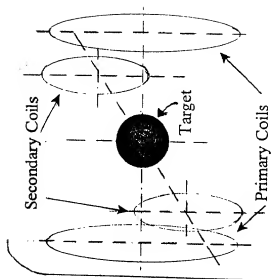


FIG. 10.

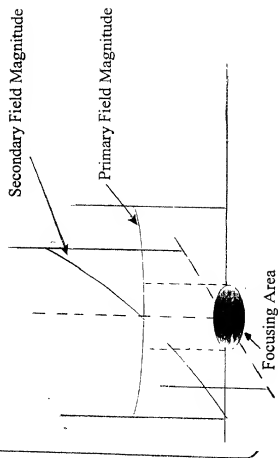
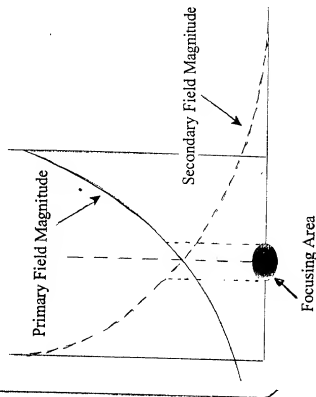
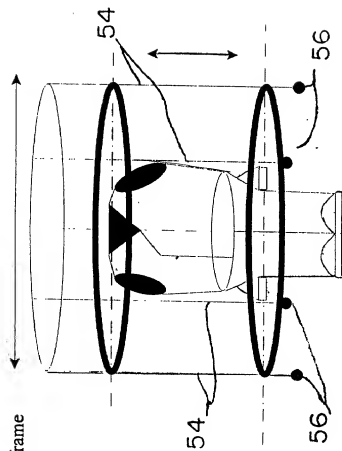


FIG. 11.



Use of Electromagnetic Fields in Cancer and Other Therapies
Theodore A. Litovitz, Docket No. 20321/0268252
For other information, call Glenn J. Perry at (202) 861-3070.

FIG. 12.

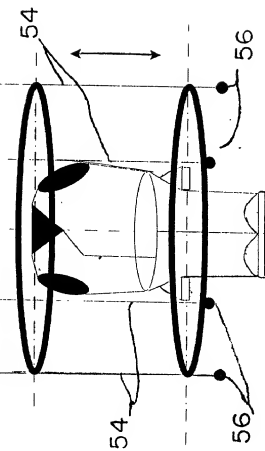
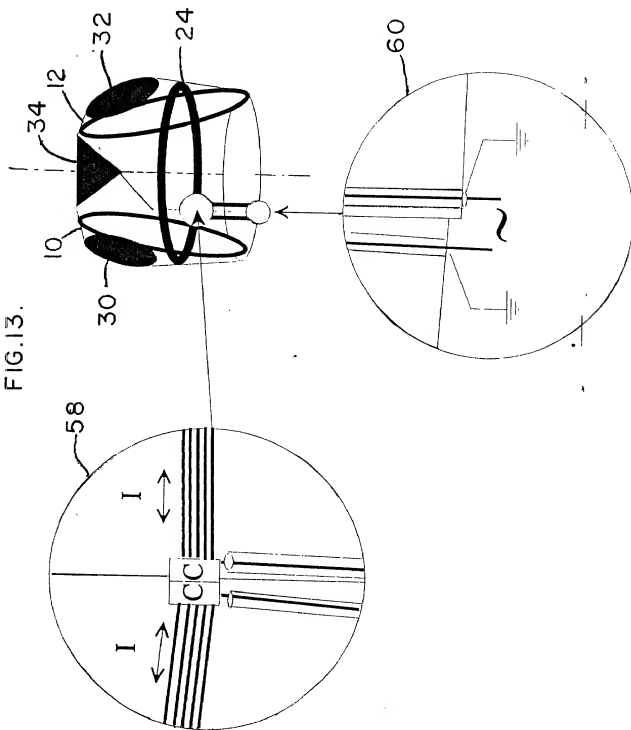


FIG.13.



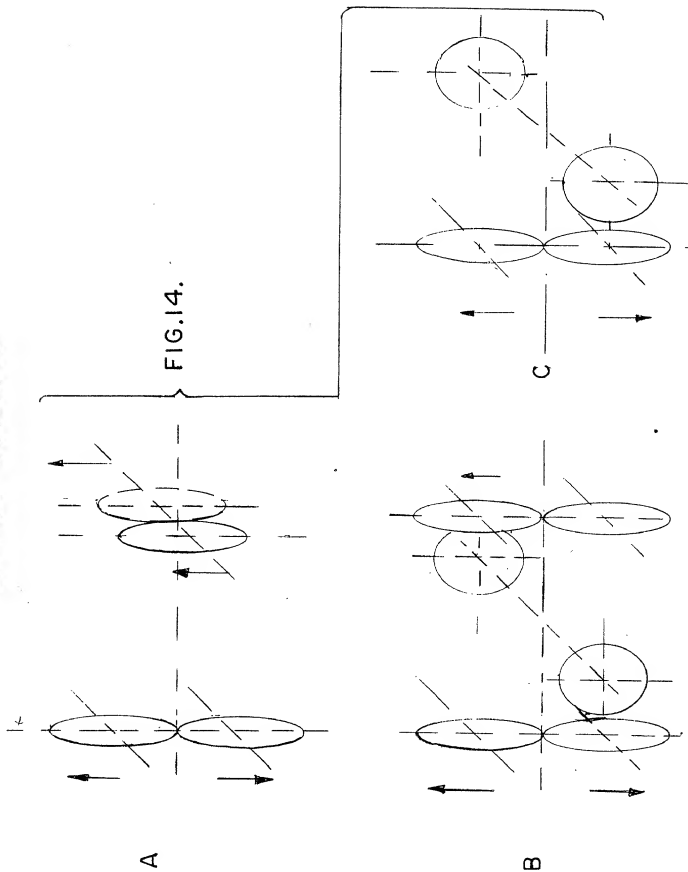
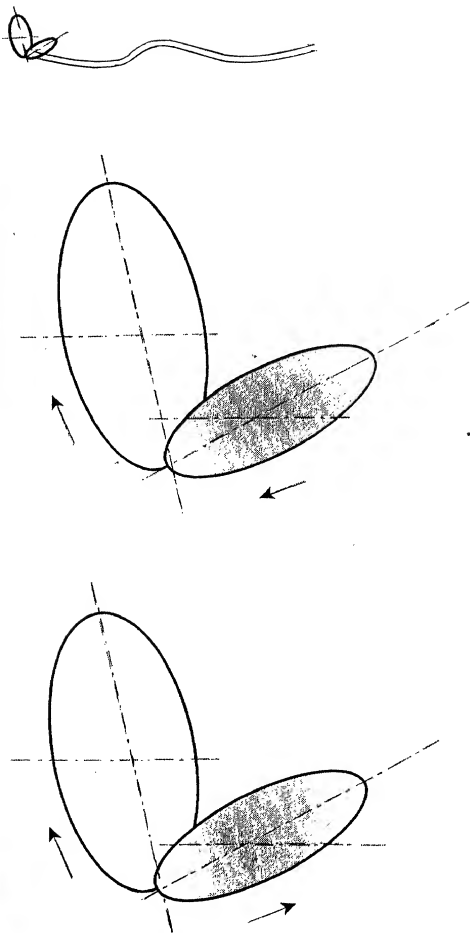
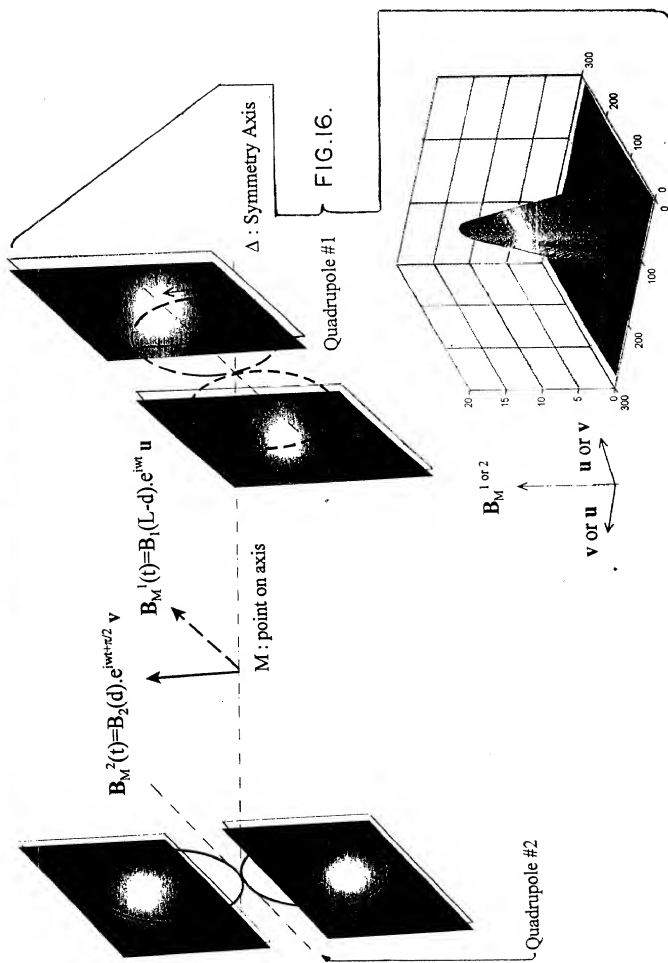


FIG. 15. Complex Devices example #5



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Quadrupole #2

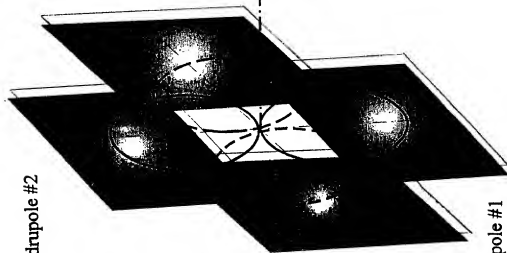
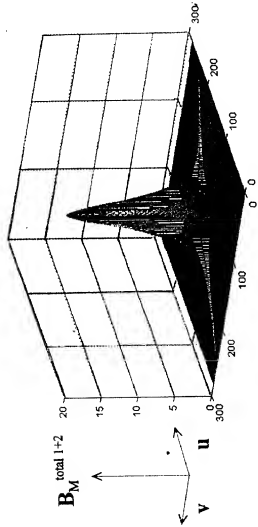


FIG.17.

$$B_M^2(t) = B_0 e^{i\omega t + \pi/2} \mathbf{v}$$

$$B_M^1(t) = B_0 e^{i\omega t} \mathbf{u}$$

Δ : Symmetry z Axis
M : point on axis



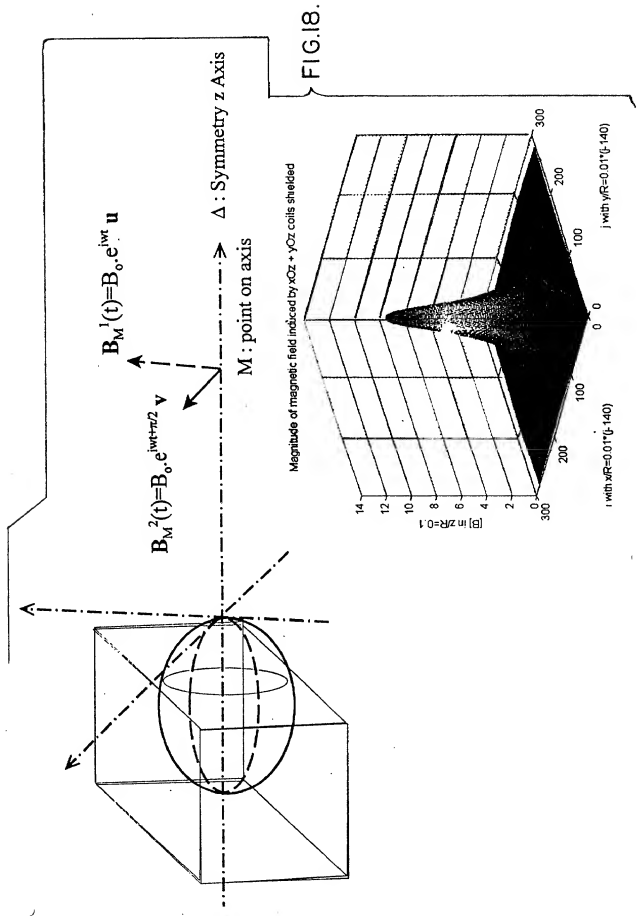


FIG.18.